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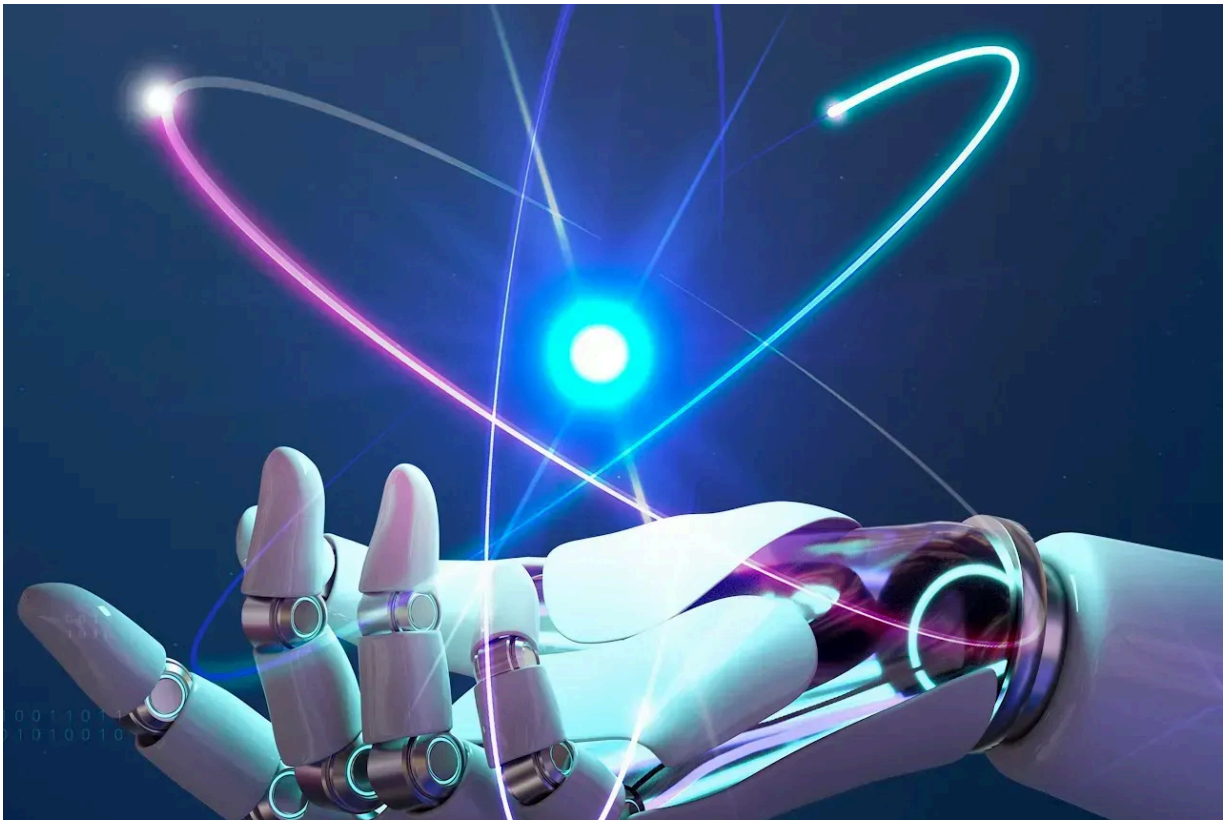
JENKS SCIENCE AND TECH TALKS — FEATURES

Jenks Science & Technology forum discusses carbon capture, hospital planning technology

SPECIAL TO THE NEWS

June 20, 2024 . 9:54 AM — 3 min read



By Ron Latanision, John Brown, and Walter Hubbard

On Friday, May 10, Peter Baldwin, Past President of Ramgen Pow (Ret.), offered his perspective on evolving Carbon Capture and

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Sequestration (CCS) opportunities. Ramgen Power Systems had successfully developed a supersonic CO2 compression technology with support from DOE-NETL and Dresser-Rand, intended for use in the, then, emerging power generation CCS applications. Pete led all commercial discussions with CCS system developers, government agencies, users, and funders alike, worldwide.

The CO2 compressor is located between the CCS capture system and the CO2 pipeline, requiring detailed knowledge of both systems and their operating parameters. The industry is now reconstituting itself to support the production of Blue H2, with the associated CO2 collected in the emerging CO2 Hubs. These CO2 Hubs and their piping systems will also support any CO2 Removal (CDR) projects, including the emerging Direct Air Capture (DAC) systems.

This presentation was technically full and provides us the opportunity, with some homework, to understand the state of the planet regarding CO2. Pete's presentation and the Q&A that followed was both insightful and heartening. What seems clear is that not many inhabitants of our planet recognize the fragility of our environment. Responding to the circumstances we face now and going forward requires public will, political will and, importantly, technical will.

At this moment, it appears that public and political will are colored by a lack of information and understanding. So, it seems that technologists must take the lead and alert our neighbors and policymakers while beginning to focus the myriad of technologies that are being considered/developed into those that are most likely to be successful.

On Friday, May 24, Jane Kent spoke about *Hospital Planning Going Forward* and her work in maintaining facilities documentation at The University of Michigan Medicine. That organization continues to grow and wi amount of information that needs to be managed. She described the use of

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commercially available Matterport Scanning Technology to track and catalog facility changes. Matterport focuses on digitizing and indexing the built world by means of a 3D data platform that enables a space to be turned into an accurate digital twin which can then be used to design, build, and operate, any given space. Jane manages the Matterport Scanning project. Jane and her colleagues have led Michigan Medicine to become a world leading provider in healthcare, education and research.

An important footnote, Jane is the youngest daughter of a historic figure in the evolution of The Jenks Center, Jim Kent. We were pleased to welcome Jane's mom, Carol, and her brother, Jim, to the Wilson Forum. They did not heckle the speaker!

UPCOMING LECTURES:

On June 14th, Albert Moussa, Founder, BlazeTech will speak about a subject that has gotten much public attention recently, namely airline safety. His presentation is on *How Safe are the Friendly Skies?*

And, on June 28th, Walter Hubbard, President, PC QuickHelp, Inc., will moderate a summary discussion of the Forum's presentations in 2023-2024 on *The Electric Grid and Climate Issues.* This conversation will guide the program on these important topics in the 2024-2025 season of The Wilson Forum.

All Wilson Science & Technology Forum presentations are recorded and can be streamed free on demand at the Wilson Forum's website, https://jenksst.blogspot.com/

WinCAM broadcasts recordings of Forum presentations at 3 pm Mondays and Fridays. For the schedule, go to

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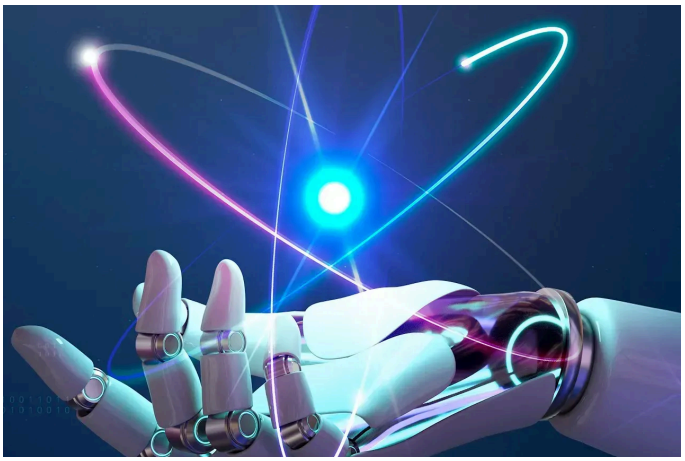
https://wincam.org/schedule/education/ and search for “Wilson.”

The Wilson Forum’s meetings are via Zoom, usually at 10:30 am on the second and fourth Fridays of each month.

To learn of upcoming Forum speakers, you can check the Jenks Center’s website https://www.jenkscenter.org/ (events > daytime > Wilson Forum).

Alternatively, you can receive notifications of upcoming talks by emailing a request to be added to the Forum’s roster to rlatanision@alum.mit.edu.

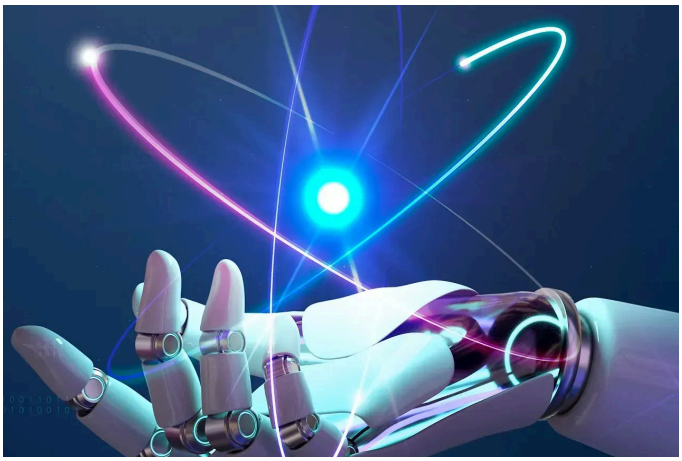
Related



JENKS SCIENCE AND TECH TALKS

Jenks Science and Tech Talks - on truth and the purposes of government

By Ron Latanision and John Brown On November 14, author Joe Simonetta spoke about the truth, which is under siege in our contemporary world; and on November 28th Wilson Forum Historian Vincent Dixon spoke about a central debate of our time, the



JENKS SCIENCE AND TECH TALKS

Jenks Science & Tech Talks discusses AI and spent nuclear waste

The Wilson Science & Technology Forum at The Jenks Center in Winchester By Ron Latanision and John Brown Tales from the AI Frontier On October 10, Dr. Eddie Robins spoke about the human-ma n the expanding presence of a

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purposes and evolution of government. By Ron Latanision

SPECIAL TO THE NEWS
December 11, 2025

intelligence (AI) in our lives. The rapidity with which AI

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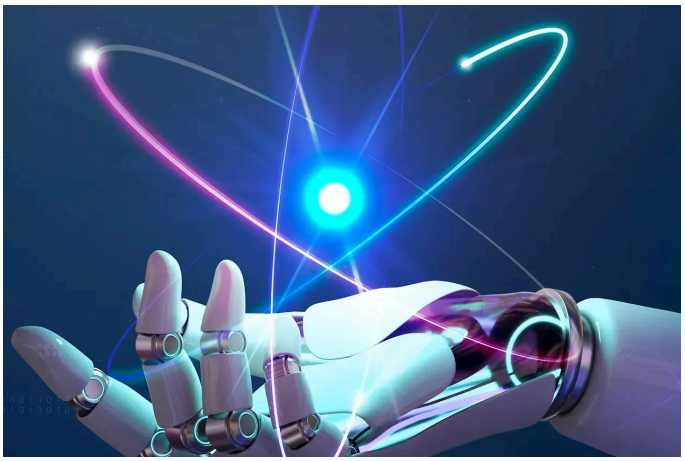
November 15, 2025

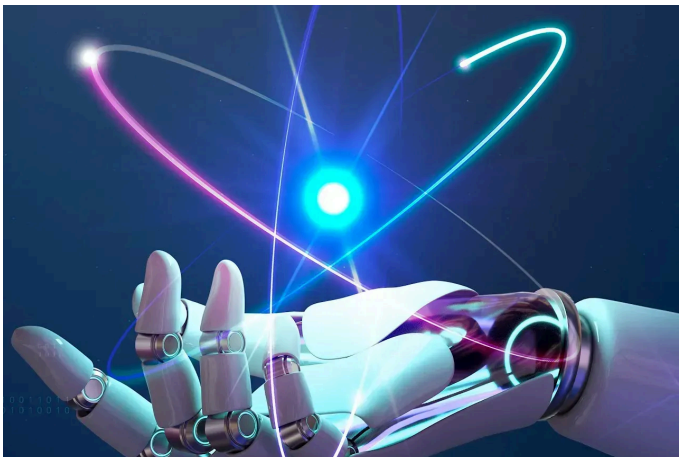


JENKS SCIENCE AND TECH TALKS

Jenks Science and Technology Forum discusses managing risks in emerging tech, plus quantum computers

By Ron Latanisian In September, Michael Garjian spoke about An Alternative to Corporate Capitalism in Managing the Socio-economic Risks of Emerging Technologies and Jagadeesh Moodera spoke about The Evolution of Quantum Computers An Alternative to Corporate Capitalism The introduction of any new technology into the marketplace and into our social

SPECIAL TO THE NEWS
October 5, 2025



JENKS SCIENCE AND TECH TALKS

Science and Technology at the Jenks - AI talk and Superconductors

By Ron Latanision, John Brown, and Walter Hubbard In June, Marv Goldschmitt added the perspective of a technological philosopher to The Artificial Intelligence Revolution and Professor Amit Goyal spoke about High Temperature Superconductors Artificial Intelligence - Wrap Up for the 2024-2025 Forum Season On June 27, our season wrap-up, The

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July 23, 2025

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MIND & MATTER

EVENTS

Celebrate Women's History Month with Girls Leading Change

The following was submitted by the Network for Social Justice: To mark Women's History Month and International Women's Day in 2026, the Network for Social Justice is collaborating with club leaders from Winchester High School and members of the Community Health team from La Colaborativa in Chelsea and

March 4, 2026

NEWS

Winchester School Committee candidates bring contrasting backgrounds to Thursday forum

Two candidates for Winchester's School Committee will face voters at a forum as the district navigates a new literacy curriculum, budget pressures and questions about student mental health. Heather von Mering and John Bellaire are competing for an open seat on the School Committee, which oversees a budget von

WILL DOWD | STAFF WRITER

March 4, 2026

FEATURES

'Chicago: Teen Edition' dances onto the Winchester High School stage

By Talia Ho | Correspondent Fame. Fortune. And all that jazz. This spring, Winchester

EVENTS

Ripley Chapel in Winchester presents 'Syldason: You Are Welcome Here'

The following was submitted by the Ripley Chapel at First Congregational Church: On

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High School presents “Chicago: Teen Edition,” a bold musical that explores celebrity culture, media manipulation, and the cost of ambition. This iconic production is set in the 1920s. Performances will take place on March 13 and 14

SPECIAL TO THE NEWS

March 4, 2026

Friday, March 13, beginning at 7:30 p.m., live in-person and live streamed from the stunning Ripley Chapel at First Congregational Church, Winchester, 21 Church St., join in with Syldason, a duo concert featuring Sylvie Zakarian,

March 4, 2026

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